

# 6<sup>th</sup> Grade Honors Mathematics Syllabus



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**Conference: 4<sup>th</sup> Period 2:35 – 4:00**

Please email for an appointment.

## 1<sup>st</sup> Semester

- Calculate equivalent forms of fractions, decimals & percents.
- Order fractions, decimals, & integers.
- Use all operations with positive fractions & positive decimals.
- Use all operations with rational numbers.
- Use proportional reasoning with ratios & rates to solve application problems.
- Determine equivalent expressions, write & solve 1-variable 1-step equations.

## 2<sup>nd</sup> Semester

- Write and solve 1-variable 1-step inequalities
- Intro to writing & solving 1-variable 2-step equations
- Represent 2-variable additive & multiplicative relationships using multiple representations.
- Convert measurements. Use geometric relationships to solve for unknown measure
- Use statistics & graphs to describe & compare data
- Extend personal financial literacy
- Revisit understanding of proportionality
- Revisit writing & solving 2-step equations & inequalities

## Course Description:

- **6<sup>th</sup> Grade Math** - This course includes all the sixth grade and half of seventh grade mathematics in order to accelerate student preparation for Algebra I in 8th grade. Students use concepts, algorithms, and properties of rational numbers to explore mathematical relationships and to describe increasingly complex situations and connect multiple representations of relationships. Students communicate information about geometric figures or situations by quantifying attributes, generalize procedures from measurement experiences, and use the procedures to solve problems.

## • Supplies:

- Grid and Notebook paper
- Pencils
- Red Pens
- Folder with brads
- School issued Daily Planner

**Please scan the QR code below for access to my BMSN teacher page.**



## Grading Policy:

- 50% Tests/Projects
- 50% Daily Work/Homework/Quizzes
- 1 day late max grade: 70
- 2 day late max grade : 50
- Over 2 days late: 0 credit
- Make up work will be turned in one class day per class missed after the student returns to class.

**Students will use Google Classroom to access daily agenda, assignments, notes, videos, and other resources.**

**3<sup>rd</sup> Period Class Code: njeuf7r**

**5<sup>th</sup> Period Class Code: 5yedtv**